



PLANT SCIENCE

An international journal of experimental plant biology

AUTHOR INFORMATION PACK

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DESCRIPTION

Plant Science will publish in the minimum of time, *research manuscripts as well as commissioned reviews and commentaries* recommended by its referees in all areas of **experimental plant biology** with emphasis in the broad areas of **genomics, proteomics, biochemistry (including enzymology), physiology, cell biology, development, genetics, functional plant breeding, systems biology and the interaction of plants with the environment.**

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Plant Science is not a publication vehicle for preliminary observations, for studies that are merely confirmatory of results accomplished in other *plant systems*, or that are addressed only to a specialized readership. Submitted manuscripts describing studies of preliminary nature, that are merely confirmatory in scope or of limited scope and interest to the general readership of the journal will be returned without formal review. As a general policy, the journal will no longer consider manuscripts just describing the cloning, sequencing and expression patterns of gene sequences that have been identified and characterized in other plant species, expression of a protein without proper characterization of the recombinant product and native form, the isolation, purification and characterization of enzymes extensively analyzed in other plants, description of molecular markers and plant genetic diversity without any relevant biological information, cell culture and/or transformation of plant species (or closely related species) already established in the literature and basic transcriptomic approaches with no further relevant functional characterization of genes of interest.

AUDIENCE

Plant biochemists, physiologists, molecular biologists and plant virologists

IMPACT FACTOR

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Papers describing experimental work with multicellular plants and plant-like microorganisms (protists) including algae and fungi, and blue-green algae (cyanobacteria) are appropriate.

Submission of manuscripts in the broad areas of biochemistry (including enzymology), bioenergetics, cell biology, development, genetics, molecular biology, physiology and structure in relation to function, as well as fundamental work in these areas related to agriculture and phytopathology are invited.

Types of paper

1. Original research papers
2. Review articles
3. Technical perspectives
4. Correspondence

1. Original research papers should report the results of original research. The material should not have been previously published elsewhere, except in a preliminary form, other languages than English or as PhD thesis.

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4. Correspondence should refer to articles published previously in the journal or should include an opinion to a recent topic under discussion.

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2000) 51-59.

Reference to a book:

[2] W. Strunk Jr., E.B. White, *The Elements of Style*, third ed., Macmillan, New York, 1979.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 1999, pp. 281-304.

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1. J.F. Briat, M. Dron, R. Mache, Is transcription of higher plant chloroplast ribosomal operons regulated by premature termination? *FEBS Lett.* 163 (1983) 1-5.

2. T. Bengochea, J.H. Dodds, *Plant Protoplasts*, Chapman & Hall, London, New York, 1986, pp. 1-90.

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